

# Honeywell North® Half-Mask Respirator Donning Instructions

Honeywell Industrial Safety offers a line of Honeywell North Half-Mask respirators that are designed to minimize the breathing of airborne contaminants. But, they must be worn correctly to provide the protection required by NIOSH standards. Before you use your Honeywell North respirator, you should learn how to inspect it, don it, and use it in an emergency. You must become familiar with it in uncontaminated air. This information is covered as part of a complete Respirator Training Program. If you have any questions on this respirator or how to use it, see your supervisor.

Your Honeywell North respirator must be:

- Properly fitted to your face during a routine (usually annual) fit test
- Kept clean and in good working condition
- Worn correctly every time

**This poster demonstrates how to inspect and put on your Honeywell North half mask respirator.**



## INSPECTION:

Inspect the respirator before each use. If any parts are missing or damaged, replace those parts or the entire mask.



Check the facepiece to make sure it is in good condition, without any holes or tears. Check the cartridge connectors to make sure they are not cracked and are fully inserted into the mask.



Check all the valves to be sure they are present and in good condition. They should be lying flat, without any distortion, tears or holes.



Check the headstraps to be sure they have not lost their elasticity. Make sure the straps are not twisted.

## ASSEMBLY OF FILTERS AND CARTRIDGES:

If replaceable particulate filters are not used, go to step 6.



For pad filters only: Insert the pad filter into the filter cover following the directions on the filter so it is facing the correct direction.



Place the pad filter support on top of the cartridge, "groove side up". Then, snap the filter cover onto the cartridge or N750037 filter holder and cover (if a cartridge is not being used).



Thread the cartridges or filter assemblies onto the cartridge connectors in the facepiece. Be careful not to overtighten.

## PUTTING ON YOUR RESPIRATOR:

If you use eyewear or a hard hat, first complete the respirator donning process – including seal checks with cartridges. Then, you may don other PPE.



Adjust the respirator head straps and clips to their full outward position.



With one hand holding the respirator, place your chin inside the chin cup and the top of the respirator over your nose.



With your other hand, position the plastic straps so they are centered on your head. Remove any slack in the upper straps by pulling the two end tabs back and toward your ears. DO NOT TIGHTEN AT THIS TIME.



Fasten the bottom elastic straps behind your neck and under your hair. Remove any slack in the bottom straps by pulling the end tabs in the back towards the front. DO NOT TIGHTEN AT THIS TIME.



Tighten the upper head straps in small, equal increments to ensure the top half of the respirator is tightened evenly and centered on your face.



Tighten the lower head straps by pulling evenly on the end straps in the back of the respirator until the entire respirator is snug, comfortable and centered on your face.



Gently pull the respirator away from your face and maneuver it to assure it is centered, comfortable and snug. Plastic loops on the top straps slide back to hold down any loose strap material.

## USER SEAL CHECK:

A positive and negative pressure User Seal Check assures you the respirator is seated correctly and in good working order. Before performing seal checks, exhale vigorously.

If any air leaks are detected during either check, reposition the facepiece and/or readjust the head straps including loosening the straps, if they have been overtightened. Repeat the seal check(s) until a seal is obtained.



Positive Pressure Seal Check: Place the palm of your hand over the exhalation valve so it is completely sealed and exhale gently. If you have a good seal, the facepiece will be pushed away from your face very slightly.



Negative Pressure Seal Check: Place the palm of each hand over the two cartridges or filters so they are completely sealed and inhale. Hold your breath for 5 seconds. If you have a good seal, the facepiece will be pulled inward toward your face.

For more information  
[www.honeywellsafety.com](http://www.honeywellsafety.com)  
Technical Service: 800.873.5242

Honeywell Industrial Safety  
900 Douglas Pike  
Smithfield, RI 02917

US  
Phone: 800.430.5490  
Fax: 800.322.1330

CANADA  
Phone: 888.212.7233  
Fax: 888.667.8477